

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

Chief Secretary's Office, Adelaide, March 25th, 1890.  
JOHN A. COCKBURN, Chief Secretary.

Return of Births and Deaths registered in South Australia in the Month of February, 1885-1890.

Years .....	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.												Total for 1890.
•Population, Feb. 1	307,715	307,680	307,504	311,075	312,813		318,375												
Births....	800	895	809	810	693	801	774												1,601
Rate per cent. ..	·259	·298	·295	·260	·222	—	·243												
Deaths—							All Ages.	Under 1 year.	1 and under 5.	6 and under	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases	Uncertified causes of Death.		
All causes .....	314	388	324	282	324	326	243	64	26	25	38	33	50	7	—	29	16	627	
Rate per cent. ....	·102	·126	·105	·091	·104	—	·076	—	—	—	—	—	—	—	—	—	—	—	
Diseases—																			
I. Specific Febrile or Zymotic ..	73	77	87	49	62	—	41	18	7	8	6	—	2	—	—	—	—		
II. Parasitic .....	1	1	3	3	1	—	—	—	—	—	—	—	—	—	—	—	—		
III. Dietic .....	4	8	7	5	10	—	4	3	—	—	—	—	—	—	—	—	—		
IV. Constitutional..	53	61	40	53	51	—	32	—	—	4	12	11	5	—	—	—	—		
V. Developmental..	23	31	25	25	23	—	23	8	—	—	—	—	12	3	—	—	—		
VI. Local .....	116	149	115	113	123	—	107	20	16	7	14	19	29	2	—	—	—		
VII. Violence .....	18	16	18	17	25	—	18	2	1	5	5	1	2	2	—	—	—		
VIII. Ill-defined and not specified causes .....	26	45	29	17	29	—	18	13	2	1	1	1	—	—	—	—	—		

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), which at last census was 4,521, and also the aborigines, which at last census was 6,346.

Causes of Deaths registered in the Month of February, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Other constitutional diseases	—	3	Accidents of childbirth....	—	2
Measles .....	—	1	V.			Diseases of locomotive system .....	—	1
Scarlet fever .....	—	—	Premature birth.....	6	—	Diseases of integumentary system.....	—	1
Relapsing fever .....	—	—	Cyanosis .....	—	—	VII.		
Influenza ..	—	—	Congenital defects .....	2	—	(Accident.)		
Whooping-cough .....	—	1	Old age .....	—	15	Fracture and contusion....	1	9
Diphtheria .....	—	3	VI.			Gunshot wound .....	—	—
Simple and ill-defined fever..	—	2	Apoplexy .....	—	7	Cut, stab.....	—	—
Enteric fever .....	—	10	Epilepsy .....	—	1	Burn and scald .....	—	1
Simple cholera .....	1	—	Convulsions .....	8	3	Poison .....	—	—
Diarrhoea, dysentery.....	17	4	Other diseases of brain and nervous system .....	1	12	Drowning .....	—	4
Remittent fever .....	—	—	Diseases of organs of special sense .....	—	1	Suffocation .....	1	—
Venereal affections.....	—	—	Diseases of circulatory system .....	—	22	Sunstroke .....	—	2
Erysipelas .....	—	1	Croup .....	—	2	(Homicide.)		
Pyæmia and septicæmia ....	—	1	Bronchitis .....	3	7	Murder and manslaughter..	—	—
Puerperal fever .....	—	—	Pneumonia .....	1	3	(Suicide.)		
Other zymotic diseases .....	—	—	Pleurisy .....	—	2	Gunshot wound.....	—	—
II.			Other diseases of respiratory system .....	1	2	Cut, stab.....	—	—
Thrush .....	—	—	Dentition .....	3	2	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Quinsy, sore throat .....	—	—	Drowning .....	—	—
III.			Enteritis .....	2	1	Hanging .....	—	—
Privation—want of breast milk	3	—	Peritonitis .....	—	4	Otherwise .....	—	—
Alcoholism .....	—	1	Diseases of liver.....	1	4	VIII.		
IV.			Other diseases of digestive system .....	—	5	Dropsy .....	—	—
Rheumatic fever and rheumatism of heart .....	—	1	Diseases of lymphatic systems and of ductless glands .....	—	—	Debility, atrophy, inanition	13	2
Rheumatism .....	—	—	Diseases of urinary system .....	—	5	Mortification .....	—	—
Gout .....	—	—	Diseases of generative system .....	—	—	Tumor .....	—	—
Cancer, malignant disease....	—	8				Abscess .....	—	—
Tabes mesenterica .....	—	—				Hæmorrhage .....	—	1
Tubercular meningitis .....	—	—				Sudden, cause unascertained	—	—
Phthisis .....	—	19				Other ill-defined and not specified causes .....	—	2
Scrofula tuberculosis .....	—	1						

*Return of Births and Deaths registered in City of Adelaide in the Month of February, 1885-90.*

Years .....	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.										Total for 1890.	
Population, Jan. 1st	43,969	45,333	42,904	43,527	43,750		44,581											
Births .....	92	82	81	85	72	82	82										172	
Rate per cent.....	·209	·181	·189	·195	·165	—	·184											
<i>Deaths—</i>							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases.	Uncerti- fied causes of death.	
All causes .....	78	69	58	69	59	67	58	9	3	6	14	8	17	1	—	5	3	153
Rate per cent.....	·177	·152	·135	·158	·135	—	·130	—	—	—	—	—	—	—	—	—	—	
<i>Diseases—</i>																		
I. Specific Febrile or Zymotic ..	19	9	15	6	6	—	9	3	2	1	1	—	2	—	—	—	—	
II. Parasitic .....	—	—	—	2	—	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic .....	2	—	1	2	—	—	3	2	—	—	—	1	—	—	—	—	—	
IV. Constitutional ..	15	18	11	19	15	—	9	—	—	—	5	3	1	—	—	—	—	
V. Developmental..	6	4	5	4	5	—	4	1	—	—	—	—	3	—	—	—	—	
VI. Local .....	27	30	23	28	21	—	26	1	1	4	6	4	10	—	—	—	—	
VII. Violence .....	5	4	1	4	6	—	5	—	—	1	2	—	1	1	—	—	—	
VIII. Ill-defined and not specified causes ....	4	4	2	4	6	—	2	2	—	—	—	—	—	—	—	—	—	

*Causes of Deaths registered in the Month of February, 1890.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula tuberculosis ....	—	—	Accidents of childbirth ....	—	—
Measles .....	—	—	Other constitutional diseases	—	—	Diseases of locomotive system	—	1
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	1	—	VII. (Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	—	—	Fracture and contusion....	—	2
Diphtheria .....	—	—	Congenital defect .....	—	—	Gunshot wound .....	—	—
Simple and ill-defined fever..	—	2	Old age .....	—	3	Cut, stab .....	—	—
Enteric fever .....	—	2				Burn and scald .....	—	—
Simple cholera .....	—	—	VI.			Poison .....	—	—
Diarrhœa, dysentery .....	3	1	Apoplexy .....	—	2	Drowning .....	—	2
Remittent fever .....	—	—	Epilepsy .....	—	—	Suffocation .....	—	—
Venereal affections .....	—	—	Convulsions .....	—	—	Sunstroke .....	—	1
Erysipelas .....	—	—	Other diseases of brain and nervous system .....	—	8	(Homicide.)		
Pyæmia and septicæmia ....	—	1	Diseases of organs of special sense .....	—	1	Murder and manslaughter..	—	—
Puerperal fever .....	—	—	Diseases of circulatory system	—	3	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	—	Gunshot wound .....	—	—
II.			Bronchitis .....	—	2	Cut, stab .....	—	—
Thrush .....	—	—	Pneumonia .....	—	1	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	1	Drowning .....	—	—
III.			Other diseases of respiratory system .....	—	—	Hanging .....	—	—
Privation—want of breast milk	2	—	Dentition .....	—	—	Otherwise .....	—	—
Alcoholism .....	—	1	Quinsy, sore throat .....	—	—	VIII.		
IV.			Enteritis .....	—	—	Dropsy .....	—	—
Rheumatic fever and rheuma- tism of heart .....	—	—	Peritonitis .....	—	2	Debility, atrophy, inanition	2	—
Rheumatism .....	—	—	Diseases of liver .....	1	1	Mortification .....	—	—
Gout .....	—	—	Other diseases of digestive system .....	—	2	Tumor .....	—	—
Cancer, malignant disease ..	—	1	Diseases of lymphatic sys- tems and of ductless glands	—	—	Abscess .....	—	—
Tabes mesenterica .....	—	—	Diseases of urinary system	—	1	Hæmorrhage .....	—	—
Tubercular meningitis .....	—	—	Diseases of generative system	—	—	Sudden, cause unascertained	—	—
Phthisis .....	—	8				Other ill-defined and not specified causes .....	—	—



*Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of February, 1890.*

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres.....	3,632	573	659	552	718	480	650
Estimated population January 1st. ....	44,581	8,096	8,718	9,177	9,320	4,018	5,252
Persons to an acre .....	12·3	14·1	13·2	16·6	13·0	8·4	8·1
Births .....	82	18	12	16	23	8	5
Male .....	46	11	4	8	14	5	4
Female .....	36	7	8	8	9	3	1
Deaths .....	41	2	7	10	17	1	4
Male .....	22	1	4	6	8	1	2
Female .....	19	1	3	4	9	—	2
CLASSES.							
i. Specific Febrile or Zymotic Diseases.....	7	—	—	3	4	—	—
ii. Parasitic Diseases .....	—	—	—	—	—	—	—
iii. Dietic Diseases.....	2	—	1	1	—	—	—
iv. Constitutional Diseases .....	6	—	1	1	3	—	1
v. Developmental Diseases .....	4	—	2	2	—	—	—
vi. Local Diseases .....	16	2	2	3	5	1	3
vii. Violence.....	4	—	1	—	3	—	—
viii. Ill-defined and not specified causes .....	2	—	—	—	2	—	—
Percentage of Deaths to population of each Ward .....	·092	·024	·080	·109	·182	·025	·076

*Causes of Deaths registered in the Month of February, 1890.*

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis.....	—	5	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula tuberculosis .....	—	—	Diseases of locomotive system	—	1
Scarlet fever .....	—	—	Other constitutional diseases.	—	—	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—						
Influenza .....	—	—	V.					
Whooping-cough .....	—	—	Premature birth .....	1	—			
Diphtheria .....	—	—	Cyanosis .....	—	—	VII.		
Simple and ill-defined fever ..	—	2	Congenital defects .....	—	—	(Accident.)		
Enteric fever .....	—	—	Old age .....	—	3	Fracture and contusion ....	—	2
Simple cholera .....	—	—				Gunshot wound .....	—	—
Diarrhoea, dysentery .....	3	1	VI.			Cut, stab .....	—	—
Remittent fever .....	—	—	Apoplexy .....	—	2	Burn and scald .....	—	—
Venereal affections.....	—	—	Epilepsy .....	—	—	Poison .....	—	—
Erysipelas .....	—	—	Convulsions .....	—	—	Drowning .....	—	2
Pyæmia and septicæmia ....	—	1	Other diseases of brain and nervous system.....	—	2	Suffocation .....	—	—
Puerperal fever .....	—	—	Diseases of organs of special sense .....	—	—	Sunstroke .....	—	—
Other zymotic diseases .....	—	—	Diseases of circulatory system	—	3	(Homicide.)		
			Croup .....	—	—	Murder and manslaughter ..	—	—
II.			Bronchitis .....	—	2	(Suicide.)		
Thrush .....	—	—	Pneumonia .....	—	—	Gunshot wound .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	1	Cut, stab .....	—	—
			Other diseases of respiratory system .....	—	—	Poison .....	—	—
III.			Dentition .....	—	—	Drowning .....	—	—
Privation — Want of breast milk.....	2	—	Quinsy, sore throat .....	—	—	Hanging .....	—	—
Alcoholism .....	—	—	Enteritis .....	—	—	Otherwise .....	—	—
			Peritonitis .....	—	2			
IV.			Diseases of liver .....	1	1	VIII.		
Rheumatic fever and rheu- matism of heart .....	—	—	Other diseases of digestive system .....	—	1	Dropsy .....	—	—
Rheumatism .....	—	—	Diseases of lymphatic systems and of ductless glands ....	—	—	Debility, atrophy, inanition	2	—
Gout .....	—	—	Diseases of urinary system ..	—	—	Mortification.....	—	—
Cancer, Malignant Disease ..	—	1	Diseases of generative system	—	—	Tumor .....	—	—
Tabes mesenterica .....	—	—				Abscess .....	—	—
Tubercular meningitis .....	—	—				Hæmorrhage .....	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not spe- cified causes .....	—	—

G. H. AYLIFFE, Registrar-General of Births and Deaths.

## FEBRUARY, 1890.

The highest temperature in the shade at the Adelaide Observatory during the month was  $97^{\circ}\cdot4$  on the 2nd; and the lowest,  $56^{\circ}\cdot0$ , on the 9th. The mean temperature of the month was  $74^{\circ}\cdot5$ .

The greatest range of the thermometer in one day,  $34^{\circ}\cdot9$ , took place on the 21st, viz., from a maximum of  $91^{\circ}\cdot5$  to a minimum of  $56^{\circ}\cdot6$ ; the lowest range,  $14^{\circ}\cdot4$ , on the 12th.

The mean height of the barometer was 29·819 inches; the maximum, 30·057 inches, occurred on the 18th; and the minimum, 29·596 inches, on the 7th.

Observatory, Adelaide, March 20th, 1890.

C. TODD, Observer.